

FORM PTO 1449 (modified)

U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICELIST OF REFERENCES CITED BY APPLICANT(S)  
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Date Submitted to PTO: August 16, 2006

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2006\_0745ASERIAL NO.  
10/579,630APPLICANT  
Ken-ichi KITAYAMA et al.FILING DATE  
May 17, 2006

GROUP 2819



## U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA	4,926,177	5-15-90	Sakata			
	AB	6,424,773	7-23-02	Watanabe			
	AC	6,665,480	12-16-03	Watanabe			
	AD	5,604,618	2-18-97	Mori et al.			
	AE	5,848,205	12-8-98	Bigo			
	AF	2003/0063860	4-3-03	Watanabe			
	AG						
	AH						
	AI						

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
	AJ	1-271730	10-30-89	Japan			abstract
	AK	2000-10129	1-14-00	Japan			abstract
	AL	9-33967	2-7-97	Japan			abstract
	AM	9-222620	8-26-97	Japan			abstract
	AN	9-102991	4-15-97	Japan			abstract

## OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)

AO	Henry F. Taylor, "An Optical Analog-to-digital Converter-Design and Analysis", IEEE Journal of Quantum Electronics, Vol. QE-15, No. 4, April 1979.
AP	B. Jalali et al., "Optical folding-flash analog-to-digital converter with analog encoding", Optics Letters, Optical Society of America, Vol. 20, No. 18, September 15, 1995.
AQ	N. J. Doran et al., "Nonlinear-optical loop mirror", Optics Letters, Optical Society of America, Vol. 13, No. 1, January 1988.

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DATE CONSIDERED

05/20/2008

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include cop. this form with next communication to applicant.

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*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA	6,229,937	5-8-01	Nolan et al.		

## FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
	AB	2000-321606	11-24-00	Japan		abstract
	AC	1 052 746	11-15-00	Europe		x
	AD	8-146473	6-7-96	Japan		abstract
	AE	2002-525647	8-13-02	Japan		corresponds to AA
	AF	2003-107541	4-9-03	Japan		abstract

## OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)

AG	Takashi Yamamoto et al., "Demultiplexing of subterabit TDM signal by using ultrafast nonlinear optical loop mirror", Technical Report of the Institute of Electronics Information and Communication Engineers, C-1, issued from the Institute of Electronics Information and Communication Engineers, Vol. J82-C-1, pp. 109-116, March 1999.
AH	Govind P. Agrawal, "NONLINEAR FIBER OPTICS", Academic Press, ISBN: 0120451425, 2nd Edition, pp. 210-211, 1995.
AI	Stephen M. Jensen, "The Nonlinear Coherent Coupler", IEEE Journal of Quantum Electronics, Vol. QE-18, No. 10, October 1982.
AJ	William S. Wong et al., "Self-switching of optical pulses in dispersion- imbalanced nonlinear loop mirrors", Optics Letters, Optical Society of America, Vol. 22, pp. 1150-1152, 1997.
AK	I. Y. Khrushchev et al., "High-quality laser diode pulse compression in dispersion-imbalanced loop mirror", Electronics Letters, Vol. 34, pp. 1009-1010, May 1998.
AL	K. R. Tamura et al., "Spectral-Smoothing and Pedestal Reduction of Wavelength Tunable Quasi-Adiabatically Compressed Femtosecond Solitons Using a Dispersion-Flattened Dispersion-Imbalanced Loop Mirror", IEEE Photonics Technology Letters, Vol. 11, pp. 230-232, February 1999.
AM	K. J. Blow et al., "Demonstration of the nonlinear fiber loop mirror as an ultrafast all-optical demultiplexer", Electronics Letters, Vol. 26, pp. 962-964, 1990.
AN	T. Yamamoto et al., "Ultrafast nonlinear optical loop mirror for demultiplexing 640 Gbit/s TDM signals, Electronics Letters, Vol. 34, 1013-1014, May 1998.

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